

Untreated Surface Water Sales and Price Survey 2011

1. What was the name of the waterbody that was the source?
2. In what parish was the water withdrawn?
3. What date (MM/YYYY) was the water withdrawn from the source?
4. What was the date (MM/YYYY) of the sale?
5. What was the total volume of water withdrawn?
6. What was the rate or price per volume of water?

Running Water of the State Pricing

The following tasks were performed as part of the 2011 online survey:

- ☐ Send email twice to more than 2,000 prospective respondents
- ☐ Send twice a survey email to LOGA and LAMOGA for distribution to their membership
- ☐ Emailed the survey to individuals on the Groundwater Advisory Task Force
- ☐ Mailed the survey to more than 300 water utilities
- ☐ The Survey Monkey received 100 responses (all but 14 stated that the survey participant did not take part in water transactions)
- ☐ We received more than 64 emails replies
- ☐ We received more than 20 phone replies
- ☐ We contacted sixteen utilities identified by the USGS as selling bulk water

Table 1: Non-Negative Survey Results

	StartDate	EndDate	Waterbody	Parish	Withdrawal Date	Sale Date	Volume (gallons)	Price/1000 gallons	Treated
1	09/16/2011	09/16/2011	Boeuf River	Caldwell	Jan-11	Jan-11	50,000	\$0.00	
2	09/16/2011	09/16/2011	City of Columbia	Caldwell	May-11	Apr-11	50,000	\$8.66	yes
3	09/16/2011	09/16/2011	City of Columbia	Caldwell	Jun-11	May-11	40,000	\$8.66	yes
4	09/16/2011	09/16/2011	unknown	Claiborne	09/01/2011	09/01/2011	500		
5	09/15/2011	09/15/2011	Red River	Red River	2010				
6	08/22/2011	08/22/2011	Toledo Bend	DeSoto			231,002,142	\$12.00	
7	08/22/2011	08/22/2011	Toledo Bend	DeSoto			204,002,430	\$12.00	
8	08/22/2011	08/22/2011	Bayou Lafourche	Ascension, Assumption, Lafourche	Please contact Bayou Lafourche Fresh WD for complete information				
9	08/01/2011	08/01/2011	B&D Farms Stock Ponds	Lincoln	02/01/2011	02/01/2011	2,730,000	\$4.76	
10	08/01/2011	08/01/2011	B&D Farms Stock ponds	Lincoln	07/05/2011	03/08/2011	4,830,000	\$4.76	
11	08/01/2011	08/01/2011	Red River	Bossier Parish	All of 2010	All of 2010	3,638,721,870	\$3.03	
12	07/28/2011	07/28/2011	public utility/fire dept.	Rapides	Jul-11	Jul-11	5,000		
13	07/28/2011	07/28/2011	Boeuf River	Caldwell	Jan-11	Jan-11	80,000	\$0.00	
14			Mills Creeks Reservoir	Ouachita	Oct-10	Oct-10	567,840	\$3.14	

Table 2: Bulk Water Sales – Water Utilities

Name	Waterbody	Parish	Price/1000 gallons	Treated	Note
City of Bossier	Red River	Bossier	\$6.50	yes	
DeSoto WW #1	Toledo Bend	DeSoto	\$3.00	yes	\$37.50/1000 gal for the first 10,000 gal for O&G firm pulling from fire hydrants
DeSoto WW #1	Toledo Bend	DeSoto	\$12.50	yes	
Lafourche Parish WD#1	Bayou Lafourche	Lafourche	\$4.54	yes	Industrial sale
Fairview Union WS	Grand Bayou Reservoir	Red River	\$10.00	yes	
City of Mansfield	Toledo Bend	DeSoto	\$15.00	yes	
City of Monroe	Bayou DeSiard	Ouachita	\$2.44-\$3.00	yes	
City of Shreveport	Cross Lake	Caddo	\$4.00	yes	
Sabine River Authority	Toledo Bend	DeSoto	\$0.1425	No	To City of Mansfield
South Toledo Bend Water District	Toledo Bend		\$4.00	Yes	
St. James Parish Utilities	Mississippi River	St. James	\$2.50	Yes	

Survey Summary:

Untreated water: average= \$4.43±3.07 (mode=0.00, median=3.14, standard deviation=4.69, n=9)
Treated water: average= \$6.52±2.24 (mode=3.00, median=4.54, standard deviation=4.11, n=13)
Untreated/treated water: average= \$5.67±1.83 (mode=0.00, median=4.27, standard deviation=4.38, n=22)

Note: The data exclude sales by DNR.
The population is very small and does not result in statistically significant averages.
The averages given are arithmetic averages with a 95% confidence interval (normal distribution)

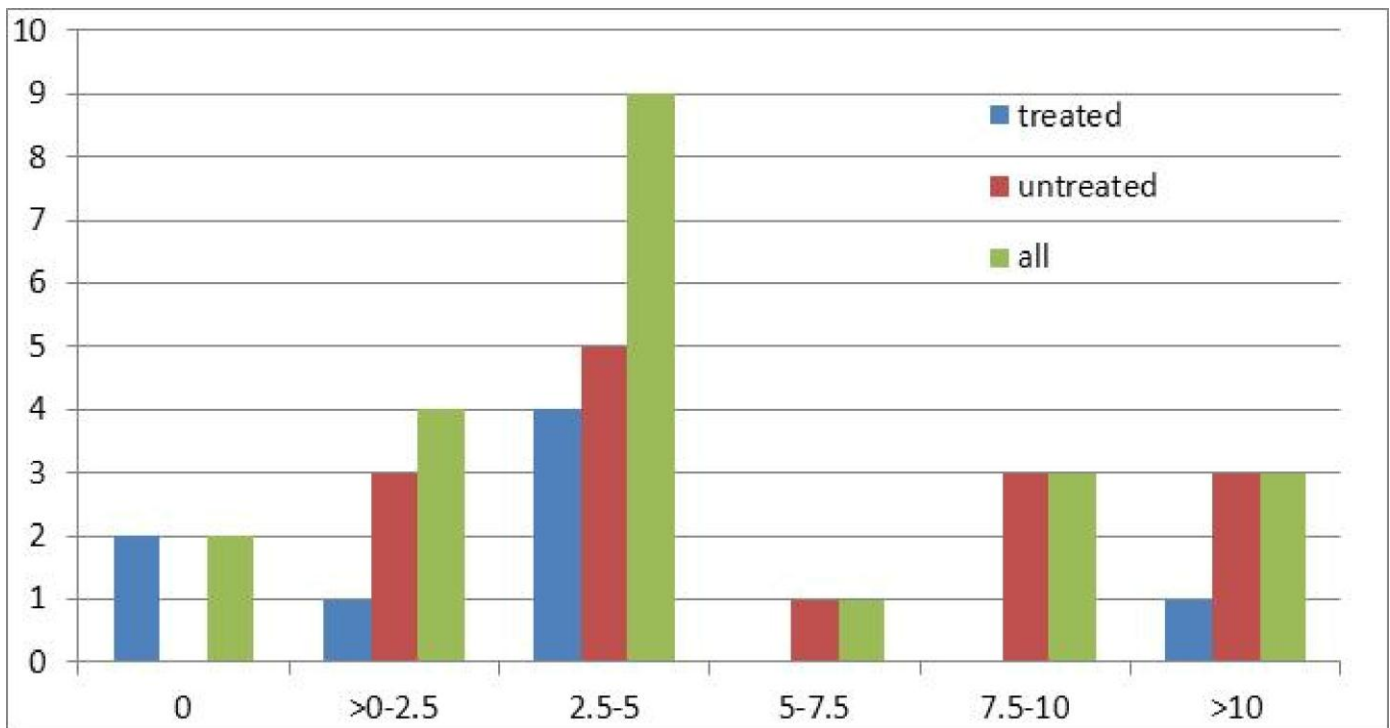


Figure 1: Statistical distribution of the results

